Serial Number: 10/645,991 Filing Date: August 21, 2003

Title: METHOD AND SYSTEM FOR MANAGING A DATA OBJECT SO AS TO COMPLY WITH PREDETERMINED CONDITION FOR

IN THE CLAIMS

Please cancel claims 54-150

54.-150. (Canceled)

Please add the new claims as follows.

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151. (New) A method comprising:

receiving at least two data packages, each data package comprising a data object and a set of control data, the set of control data including at least one usage control element defining a usage of the data object, the usage complying with a variable number of conditions, the data objects and the usage control elements being encrypted:

decrypting the usage control elements of the sets of control data;

examining, by use of a data processor, the usage control elements of the at least two data packages to find a match;

determining whether a data processor is capable of completing a security procedure specified in a security control element of the usage control elements, and disabling the usage when the data processor is not capable of completing the security procedure; and

performing an action specified in the sets of control data of the at least two data packages, if the usage is not disabled.

152. (New) A method comprising:

receiving at least two data packages, each data package comprising a data object and a set of control data, the set of control data including at least one usage control element defining a usage of the data object, the usage complying with a variable number of conditions, the data objects being encrypted;

examining, by use of a data processor, the usage control elements of the at least two data packages to find a match;

determining whether a data processor is capable of completing a security procedure specified in a security control element of the usage control elements, and disabling the usage when the data processor is not capable of completing the security procedure; and performing an action specified in the sets of control data of the at least two data packages, if the usage is not disabled.

- 153. (New) The method of Claim 151 additionally comprising: updating the usage control element of each data package; and re-encrypting each updated usage control element of each data package.
- 154. (New) The method of Claim 151 wherein the at least one usage control element defining a usage of the data object corresponding to a particular kind of user.
- 155. (New) The method of Claim 151 wherein the at least one usage control element defining a usage of the data object corresponding to a particular time limit for usage.
- 156. (New) The method of Claim 151 wherein the at least one usage control element defining a usage of the data object corresponding to a particular geographical area for usage.
- 157. (New) The method of Claim 151 wherein the at least one usage control element defining a usage of the data object corresponding to a particular kind of allowed operations.
- 158. (New) The method of Claim 151 wherein the at least one usage control element defining a usage of the data object corresponding to a particular number of uses of the data object.
- 159. (New) The method of Claim 151 wherein the set of control data includes an identifier, which uniquely identifies the set of control data.
- 160. (New) The method of Claim 151 wherein the set of control data is concatenated to the data object.
- 161. (New) The method of Claim 151 wherein the data object is sent independently of the set of control data.

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(New) The method of Claim 152 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular kind of user.

(New) The method of Claim 152 wherein the at least one usage control element defining 163

a usage of the data object corresponding to a particular time limit for usage.

(New) The method of Claim 152 wherein the at least one usage control element defining 164.

a usage of the data object corresponding to a particular geographical area for usage.

(New) The method of Claim 152 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular kind of allowed operations.

166 (New) The method of Claim 152 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular number of uses of the data object.

(New) The method of Claim 152 wherein the set of control data includes an identifier,

which uniquely identifies the set of control data.

168. (New) The method of Claim 152 wherein the set of control data is concatenated to the

data object.

(New) The method of Claim 152 wherein the data object is sent independently of the set of

control data

170. (New) A system comprising:

a data processor:

a receiving module, being executable by the data processor, to receive at least two data

packages, each data package comprising a data object and a set of control data, the set of control

data including at least one usage control element defining a usage of the data object, the usage

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complying with a variable number of conditions, the data objects and the usage control elements being encrypted;

- a decryption module to decrypt the usage control elements of the sets of control data;
- a security module to examine the usage control elements of the at least two data packages to find a match, to determine whether the data processor is capable of completing a security procedure specified in a security control element of the usage control elements, and to disable the usage when the data processor is not capable of completing the security procedure; and
- a usage manager module to perform an action specified in the sets of control data of the at least two data packages, if the usage is not disabled.

171. (New) A system comprising:

a data processor;

a receiving module, being executable by the data processor, to receive at least two data packages, each data package comprising a data object and a set of control data, the set of control data including at least one usage control element defining a usage of the data object, the usage complying with a variable number of conditions, the data objects being encrypted;

a security module to examine the usage control elements of the at least two data packages to find a match, to determine whether the data processor is capable of completing a security procedure specified in a security control element of the usage control elements, and to disable the usage when the data processor is not capable of completing the security procedure; and

a usage manager module to perform an action specified in the sets of control data of the at least two data packages, if the usage is not disabled.

- 172. (New) The system of Claim 170 additionally comprising: an update module to update the usage control element of each data package; and an encryption module to re-encrypt each updated usage control element of each data package.
- 173. (New) The system of Claim 170 wherein the at least one usage control element defining a usage of the data object corresponding to a particular kind of user.

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USAGE

174. (New) The system of Claim 170 wherein the at least one usage control element defining a usage of the data object corresponding to a particular time limit for usage.

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175. (New) The system of Claim 170 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular geographical area for usage.

176. (New) The system of Claim 170 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular kind of allowed operations.

177. (New) The system of Claim 170 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular number of uses of the data object.

178. (New) The system of Claim 170 wherein the set of control data includes an identifier,

which uniquely identifies the set of control data.

179. (New) The system of Claim 170 wherein the set of control data is concatenated to the data

object.

180. (New) The system of Claim 170 wherein the data object is sent independently of the set of

control data.

181. (New) The system of Claim 171 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular kind of user.

182. (New) The system of Claim 171 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular time limit for usage.

183. (New) The system of Claim 171 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular geographical area for usage.

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(New) The system of Claim 171 wherein the at least one usage control element defining a usage of the data object corresponding to a particular kind of allowed operations.

185. (New) The system of Claim 171 wherein the at least one usage control element defining

a usage of the data object corresponding to a particular number of uses of the data object.

which uniquely identifies the set of control data.

(New) The system of Claim 171 wherein the set of control data is concatenated to the data 187.

(New) The system of Claim 171 wherein the set of control data includes an identifier,

object.

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(New) The system of Claim 171 wherein the data object is sent independently of the set of

control data.